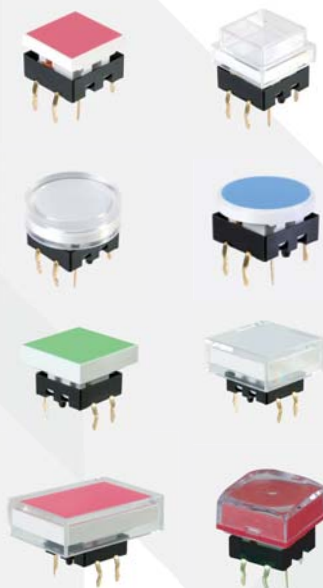




Shan Pu

Illuminated Tactile Switches Series **SPL**



General Specifications

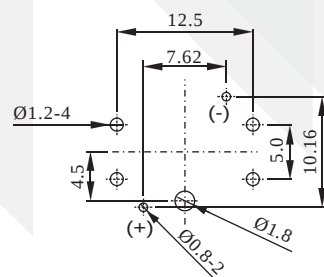
Circuit	: SPST
Current Rating	: 50mA @ 12VDC
Contact Resistance	: 100mOhm Max.(initial)
Insulation Resistance	: 100MOhm Min.
Operating Force	: 300gf ± 100gf
Total Travel	: 0.3mm ± 0.1mm
Mechanical Life	: 5,000,000 cycles Min.
Operating Temperature	: -25 °C ~ +60 °C

Materials

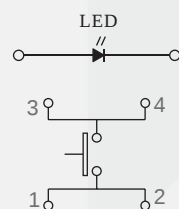
Cover	: Polycarbonate (PC)
Cap	: Polycarbonate (PC)
Housing	: Polyamide (PA)
Base	: Polyamide (PA)
Lamp Term.	: Phosphor bronze (PBS) with gold plating
Act. Dome	: SUS with silver plating
End Term.	: Brass with gold plating
LED	: Surface Mount Chip LED

PAT. M 332927
PAT. ZL 2007 2 0311508.9

Contact configuration

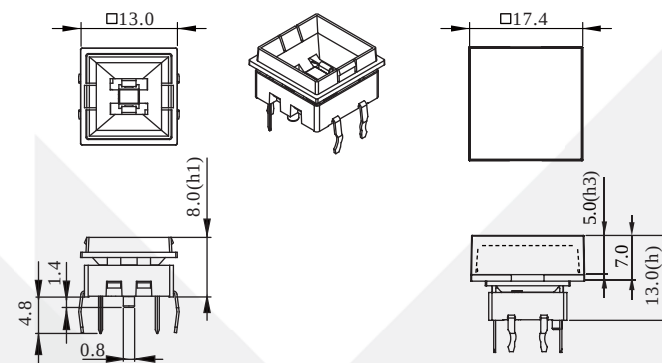


PCB Layout



(SPST)
Contact Configuration

Dimension (SPLG)



EXAMPLE:
SPLG1YCS0024
(h1) 8.0mm + (h3) 5.0mm
= (h) 13.0mm

How to order (SPLG)

SPLG	
LED Colors	
1	Red
2	Super Yellow
4	White
5	Pure Green
7	Blue

EXAMPLE:
SPLG1YCS0024
From Page 36



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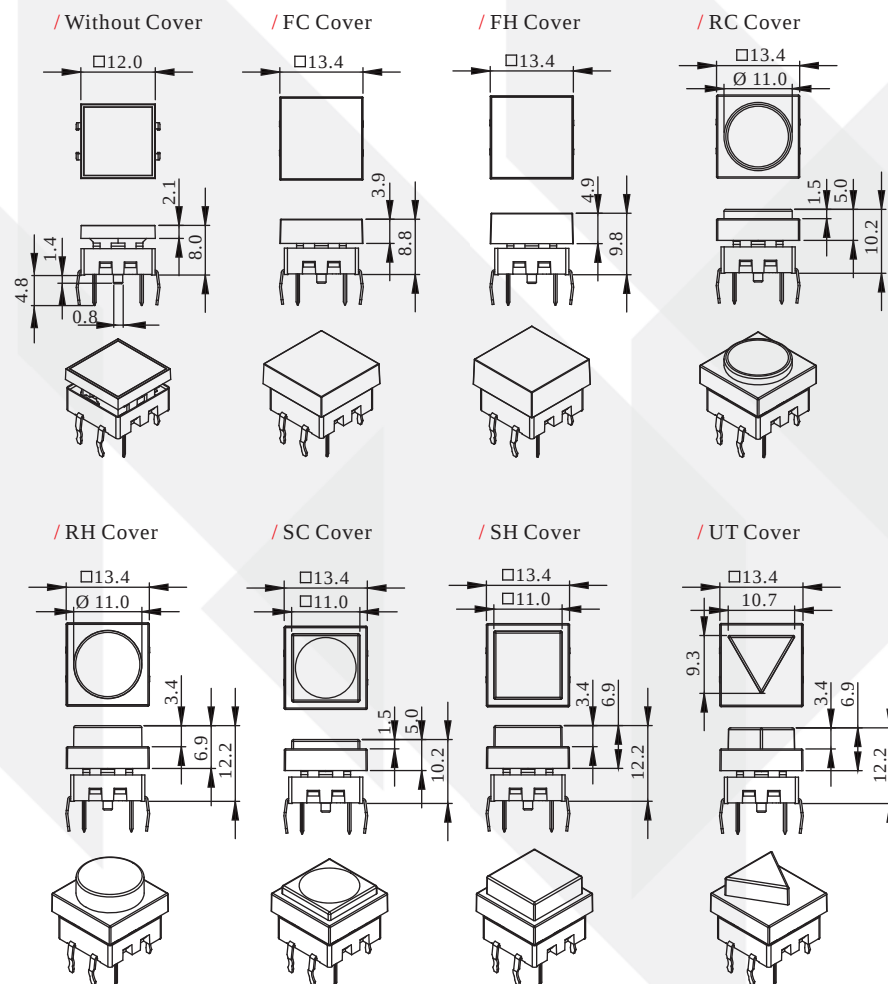
11.5
Page 36



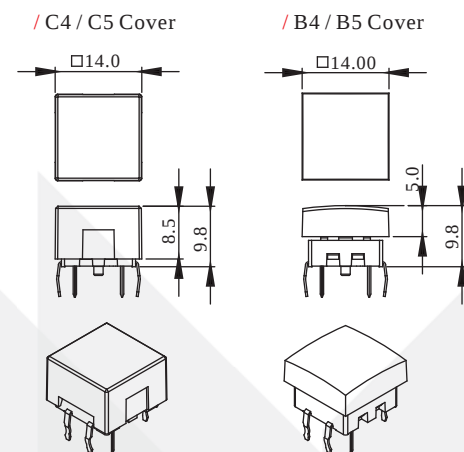
Shan Pu

Illuminated Tactile Switches Series **SPL**

Dimension (SPL12)



Dimension (SPL12)



How to order (SPL12)

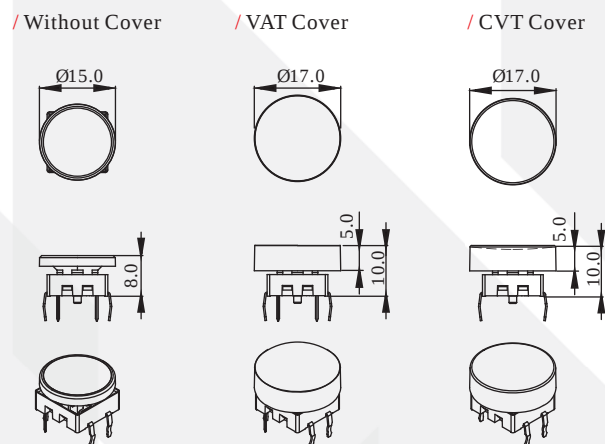
S P L 1 2 - - -

Function Code	Diffuser Colors	LED Colors	Cover style / Color
P Illuminated Switch	1 Red 2 Yellow 3 Green 4 White	01 Red S2S Super Yellow 03 Green P3S Pure Green 4S White 7S Blue	00 Without Cover FC Flat/Clear FH Flat/Clear RC Round /Clear RH Round(High)/Clear SC Square/Clear SH Square (High)/Clear UT UP Triangle/Clear C4 Flat cover/White C5 Flat cover/Foggy B4 Raised cover/White B5 Raised cover/Clear

EXAMPLE :
SPL12P-2-S2S-FC

Illuminated Tactile Switches Series **SPL**

Dimension (SPL15).



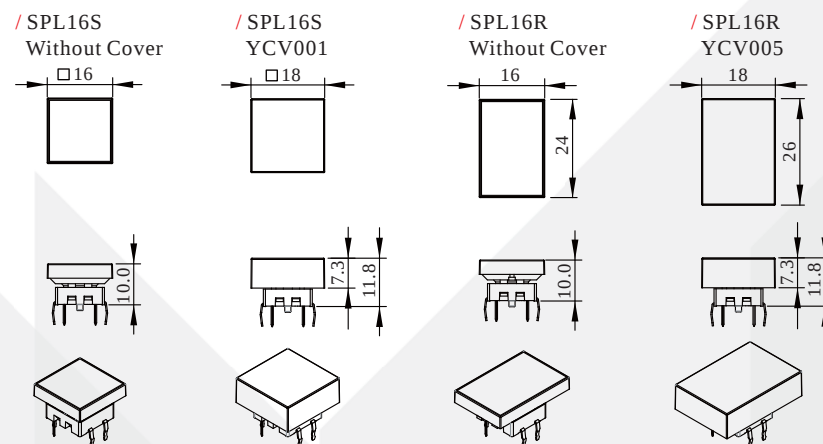
How to order (SPL15)

SPL 15 — ☐ — ☐ ☐ ☐ — ☐ ☐ ☐

Diffuser Colors		LED Colors		Cover style	
1	Red	01	Red	--	Without Cover
2	Yellow	S2S	Super Yellow	VAT	Flat
3	Green	03	Green	CVT	Concave
4	White	P3S	Pure Green		
7	Blue	4S	White		
		7S	Blue		

EXAMPLE :
SPL15-1-01-VAT

- Dimension (SPL16)



- How to order (SPL16)

SPL 16

Apparent shaped

S	Square
R	Rectangular

Diffuser Colors

1	Red
2	Yellow
3	Green
4	White
7	Blue

LED Colors

01	Red
S2S	Super Yellow
03	Green
P3S	Pure Green
4S	White
7S	Blue

Cover style

--	Without Cover
YCV001	For SPL16S
YCV005	For SPL16R

EXAMPLE :
SPL16S-1-01-YCV001